1 VQE results Aer Estimator (No Shots)

		(Full Hamiltonian)		Double Well $\Lambda = 2$		COYBLA Max 10K Iteration		ons	
Ansatz	Tolerance	Converged runs	Mean iter	VQE min E.	Δ_{min}	VQE median E.	Δ_{median}	Exact	Time
RA r1 rl	1e-01	100/100	30	3.5737e - 01	$1.3608e{-04}$	$3.7056e{-01}$	$1.3328e{-02}$	$3.5723304703e{-01}$	00h 00m 08s
RA r1 rl	1e - 02	100/100	58	$3.5724e{-01}$	$1.0352e{-}05$	$3.5745e{-01}$	$2.1514e{-04}$	-	$00h\ 00m\ 14s$
RA r1 rl	1e - 03	100/100	121	$3.5723e{-01}$	$8.2526e{-08}$	$3.5724e{-01}$	$3.9005e{-06}$	-	$00h\ 00m\ 34s$
RA r1 rl	1e - 04	100/100	220	$3.5723e{-01}$	$1.0164e{-09}$	$3.5723e{-01}$	$3.9879e{-08}$	-	$00h\ 01m\ 02s$
RA r1 rl	1e - 05	100/100	325	$3.5723e{-01}$	$1.0358e{-11}$	$3.5723e{-01}$	$4.5279e{-10}$	-	$00h\ 01m\ 29s$
RA r1 rl	1e - 06	99/100	568	$3.5723e{-01}$	$8.5709e{-14}$	$3.5723e{-01}$	$5.1541e{-12}$	-	$00h\ 03m\ 33s$
RA r1 rl	1e - 07	97/100	633	$3.5723e{-01}$	$1.4433e{-}15$	$3.5723e{-01}$	$5.973e{-14}$	-	$00h\ 04m\ 51s$
RA r1 rl	1e - 08	94/100	922	$3.5723e{-01}$	$3.3307e{-16}$	$3.5723e{-01}$	$4.8295e{-15}$	-	$00h\ 07m\ 25s$
Ansatz	Tolerance	Converged runs	Mean iter	VQE min E.	Δ_{min}	VQE median E.	Δ_{median}	Exact	Time

Table 1